

CASE STUDY

W R Dunn & Co Ltd.

CHARTERED BUILDING SURVEYORS AND ARCHITECTS

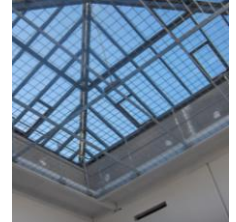


New Healthcare Centre, and Associated Ancillary Accommodation, North-West England

Project Value: £13m

Contractor: Interserve Project Services Ltd.

W R Dunn & Co Ltd. (Arch & L/ Designer);
Deakin Walton (SE); Francis Graves (QS);
Amec (M & E); Edmond Shipway (PS)



OUTLINE OF PROJECT

In essence, this project was for the demolition of an existing dilapidated prison hospital building and its replacement with a new modern healthcare facility. The completed facility provides secure accommodation on two main levels for inpatient care (including 28 bed spaces); day care facilities; outpatient zones; education spaces and staff areas.

Although the designated construction area remained segregated from the main prison environment for the main new building, co-ordinated phased enabling work packages were carried out to facilitate demolition and maintain, re-house and reconnect critical prison functions

The architectural approach was that the design of the building should be *operationally led* – the secure function and its relationship to healthcare facilities were key drivers in the design, including working in close partnership with the local Primary Care Trust (PCT).

The finished building design is secure, robust and easily maintained. In addition, the design attempts to appeal to the needs and aspirations of the end users, utilising well considered, integrated spaces.



W R DUNN & CO LTD. ROLE

W R Dunn & Co Ltd. were employed as architects and design team leaders and were asked to review the initial designs for the project and then take the scheme from inherited designs at PPC 2000 partnering stage four through to completion stage seven.

The ancillary works also included the creation of a new temporary healthcare centre within the existing J wing and linked outpatients department along with temporary staff facilities including patients records whilst the new build was under construction.

SUMMARY

Important factors in this project were:

- Maximise natural daylight within a deep-plan building (therefore enhancing its environmental performance).
- Providing temporary modular buildings during construction phase.
- Link the new-build structure to the existing prison infrastructure via a link walkway at first floor level.
- Several ancillary packages including the conversion of redundant locker space into the Governor's suite within the former gatehouse.